



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

White County

Countywide	01	0351CST 0400CST			0	0			Flash Flood
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ILZ083

White

01	0400CST 0630CST			0	0			Flood
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Saline County

Galatia to Raleigh	01	0621CST 0700CST			0	0			Flash Flood
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Hamilton County

3 E Mc Leansboro to Dale	01	0625CST 0700CST			0	0			Flash Flood
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Thunderstorms produced torrential rainfall in a band extending from southern Hamilton and northern Saline County eastward across White County into southwest Indiana. In White County, several sections of Highway 14 north of Carmi were under water. In Hamilton County, road flooding occurred about a mile north of Dale. In Saline County, flooding of low-lying roads was reported around Galatia.

Jackson County

Makanda to Grand Tower	01	0445CST			0	0			Thunderstorm Wind (EG50)
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A couple of trees were blown down in the Makanda and Grand Tower areas.

ILZ084

Jackson

04 06	1300CST 1800CST			0	0			Flood
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Minor flooding of the Big Muddy River occurred, causing some inundation of low-lying woods and fields near the river. At the Murphysboro river gage, the river crested at 16.4 feet on May 5, less than 6 inches above flood stage.

Wayne County

1 S Orchardville	23	1057CST			0	0			Hail(0.75)
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White County

Norris City	23	1118CST 1125CST			0	0			Hail(1.00)
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Hail from dime to quarter size was reported by numerous people.

Jefferson County

Belle Rive	25	0120CST			0	0	15K		Thunderstorm Wind (EG65)
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A house and a barn sustained roof damage. One outbuilding was destroyed, and six to ten trees were blown down. The damage area was approximately 3/4 mile long and 50 yards wide. A National Weather Service site survey determined the damage was caused by a microburst with peak winds from 70 to 75 MPH.

Perry County

Tamaroa	25	1530CST			0	0	3K		Thunderstorm Wind (EG50)
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A large tree was blown down, and large limbs fell on a carport.

Jefferson County

1 N Bonnie	25	1555CST			0	0			Hail(0.88)
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Franklin County

4 N Benton to 5 SW Benton	25	1600CST			0	0	3K		Thunderstorm Wind (EG52)
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Several large trees were uprooted near Rend Lake, south of Route 154 near a golf course. Trees and power lines were down near Yellow Banks Road.

Franklin County

2 W Thompsonville to 1.5 W Thompsonville	25	1623CST 1624CST	0.5	50	0	0			Tornado (F0)
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A brief tornado touchdown was observed. No damage was reported.



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ILLINOIS, South

A tornadic thunderstorm moved east across Franklin County. A long-lived rotating wall cloud was associated with the storm. A brief tornado was spawned, but all of the tree damage was associated with straight-line winds.

Perry County

Tamaroa to
2 S Du Quoin

25	1614CST 1645CST				0	0			Flash Flood
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Franklin County

Benton to
West City

25	1624CST 1800CST				0	0			Flash Flood
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Jefferson County

Mt Vernon

25	1630CST 1745CST				0	0			Flash Flood
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Hamilton County

Countywide

25	1715CST 2030CST				0	0			Flash Flood
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White County

Countywide

25	1715CST 2000CST				0	0			Flash Flood
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In Franklin County, flash flooding of roads was reported in and near Benton. Eight to ten inches of water was reported over Route 14 in the Benton and West City areas. About 8 inches of water was over Route 34 east of Benton, and side streets were flooded. A trained spotter reported 2.25 inches of rain east of Benton. In Hamilton County, major creek and road flooding was reported. Water was over State Route 142 between Mcleansboro and Broughton. Most of the flooded roads were secondary roads affected by creeks. A particularly dangerous location was west of the community of Dale, where significant creek flooding continued throughout the night, causing secondary roads to be closed. Flooding of Hogg and Contrary Creeks prompted some of the road closures. Numerous back roads experienced minor flooding throughout White County. Numerous streets were closed by flooding in Tamaroa in Perry County. South of Du Quoin, water was over U.S. Highway 51 and State Highway 14, and a shopping center parking lot was flooded. In Mount Vernon, flooding was reported in several areas of the city. Water reached waist-deep levels at a park on the north side of Mt. Vernon, including two adjacent streets. A dog which was tied up in a flooded yard was rescued by passers-by.

Pope County

Glendale to
5 W Golconda

25	2137CST 2149CST				0	0			Hail(0.88)
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Pope County

2 S Glendale to
4 W Golconda

25	2137CST				0	0	15K		Thunderstorm Wind (EG60)
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A severe thunderstorm moved east from the Johnson County line across the Glendale area, then turned southeast toward Golconda. The storm was at its strongest in the Glendale area, then weakened as it approached Golconda. Near Glendale, nickel-size hail and winds close to 70 MPH occurred. Some siding was blown off a house, a barn and house roof was damaged, and numerous trees were down. As the storm continued in the direction of Golconda, some trees were blown down on Illinois Route 146 about 4 miles west of Golconda. One large tree landed on a house. Most of the storm's path was through the Shawnee National Forest.

Jefferson County

2 S Mt Vernon to
2 SE Mt Vernon

26	0850CST 0856CST				0	0			Hail(0.88)
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Hamilton County

1 NE Dahlgren to
7 N Mc Leansboro

26	0906CST 0920CST				0	0			Hail(1.75)
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Jackson County

3 S Carbondale

26	0919CST				0	0			Hail(1.00)
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<u>ILLINOIS, South</u>									
Williamson County 5 E Crab Orchard	26	0934CST			0	0			Hail(1.00)
Williamson County Herrin	26	0937CST			0	0			Hail(1.75)
Williamson County 1 S Cambria to Carterville	26	0950CST 1000CST			0	0	75K		Thunderstorm Wind (EG60)
Williamson County Marion to 10 SE Marion	26	1008CST 1015CST			0	0			Hail(1.00)
Saline County Carriers Mills	26	1015CST 1020CST			0	0			Hail(1.00)
Hardin County Karbers Ridge to Cave In Rock	26	1045CST 1100CST			0	0	80K		Thunderstorm Wind (EG65)
Hardin County Karbers Ridge to Cave In Rock	26	1050CST 1100CST			0	0			Hail(1.25)
Hardin County Cave In Rock	26	1052CST 1130CST			0	0			Heavy Rain
<p>The first round of severe thunderstorms to affect southern Illinois occurred during the late morning hours. Most of the severe weather was in the form of large hail during this episode. The first storm became severe just south of Mount Vernon and tracked east along the Hamilton/Wayne County border. Other severe storms developed across the Marion and Herrin areas, producing copious amounts of large hail in Herrin. There was wind damage in Carterville and the Cambria area of Williamson County, where trees and power lines were down. Roads were blocked by fallen trees in Carterville and just south of Cambria. Five to six houses were struck by falling trees, mainly on the west side of Carterville. Major damage occurred to some of the houses. At John A. Logan College near Carterville, numerous trees and limbs were down, destroying fencing and a light pole. These severe storms then moved east and consolidated into a supercell in southern Saline County, just south of Harrisburg. As the supercell crossed Hardin County, a 12-mile long swath of wind damage occurred. The wind damage was primarily in the Shawnee National Forest, resulting in little structural damage until the storm reached Cave-In-Rock, a small town on the Ohio River. At Cave-In-Rock, there were trees down, including at least ten on structures. At the Cave-In-Rock State Park campground near the Ohio River, tents were blown away, and about 20 trees and many more limbs were blown down. Torrential downpours caused street flooding in Cave-In-Rock, and water seeped into the post office and a cafe.</p>									
Perry County Willisville to Cutler	26	1255CST 1300CST			0	0			Hail(0.88)
Jackson County 2 NW Campbell Hill	26	1302CST			0	0			Hail(0.88)
Perry County 5 S Pinckneyville to 10 SE Pinckneyville	26	1305CST 1315CST			0	0			Hail(1.00)
Johnson County Tunnel Hill	26	1310CST			0	0			Hail(0.88)
Franklin County Zeigler	26	1331CST			0	0			Hail(0.75)



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					Killed	Injured	Property	Crops	

ILLINOIS, South

Saline County									
2 W Galatia	26	1400CST			0	0			Thunderstorm Wind (EG50)
Gallatin County									
Ridgway	26	1410CST			0	0			Hail(1.75)
Pulaski County									
1 W Olmsted	26	1421CST			0	0			Hail(0.75)
Massac County									
3 N Metropolis	26	1456CST			0	0			Hail(0.88)
Wayne County									
Cisne	26	1705CST			0	0			Hail(1.00)
Jefferson County									
6 W Mt Vernon	26	1920CST			0	0			Hail(1.75)
White County									
Crossville	26	2030CST			0	0	15K		Thunderstorm Wind (EG52)

Another round of severe thunderstorms affected southern Illinois during the afternoon and evening hours, following the late morning round of storms. This round began with a swath of large hail near the western Perry/Jackson County line. Numerous trees were blown down near Galatia. The final severe storm of this episode was a long-lived storm cluster that tracked east from the Mount Vernon area to the Wabash River. This storm produced golf-ball hail west of Mount Vernon, then downed trees and power lines in Crossville in White County. A mobile home was unroofed one mile southeast of Crossville, and its contents were damaged by rain. Otherwise, most of the events during this episode were isolated dime to nickel size hail.

Franklin County									
West Frankfort	26	1359CST 1500CST			0	0			Flash Flood
Saline County									
Eldorado to 2 S Eldorado	26	1628CST 1645CST			0	0			Flash Flood
Jefferson County									
Mt Vernon	26	1940CST 2230CST			0	0			Flash Flood
Wayne County									
Wayne City	26	2030CST 2230CST			0	0			Flash Flood

Clusters of thunderstorms produced flash flooding at isolated locations in southern Illinois. The ground was already saturated from thunderstorms that occurred the previous evening and during the morning. In Franklin County, a spotter reported a 24-hour total of 3 inches in West Frankfort. The latest round of storms produced street flooding and flooding in the West Frankfort city park. In Saline County, water was reported over Illinois Route 142 south of Eldorado, and there was flooding of gravel roads leading to Route 142. In Jefferson County, parts of State Highway 37, along with numerous roads in the city of Mount Vernon, were covered with two inches of water. In Wayne County, State Highway 242 near Wayne City was covered with water.

Jefferson County									
4 N Woodlawn	27	1925CST			0	0			Hail(0.88)
Jefferson County									
Countywide	27	1930CST 1945CST			0	0			Thunderstorm Wind (EG52)
Perry County									
3 N Pinckneyville to 2 N Tamaroa	27	1945CST 2000CST			0	0	4K		Thunderstorm Wind (EG52)



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					Killed	Injured	Property	Crops	
Wabash County Countywide	27	1945CST 2000CST			0	0	4K		Thunderstorm Wind (EG50)
Edwards County 1 W Albion to Albion	27	1955CST 1959CST			0	0	4K		Thunderstorm Wind (EG50)
Wabash County Allendale to Mt Carmel	27	1959CST 2005CST			0	0			Hail(1.75)
Franklin County Countywide	27	2000CST 2015CST			0	2	70K		Thunderstorm Wind (EG65)
Jackson County Campbell Hill	27	2005CST			0	0	2K		Thunderstorm Wind (EG50)
Franklin County 5 E Sesser	27	2010CST			0	0			Hail(1.00)
Hamilton County 9 W Mc Leansboro	27	2015CST			0	0			Thunderstorm Wind (EG50)
Jackson County Murphysboro to Carbondale	27	2025CST			0	0	4K		Thunderstorm Wind (EG52)
Saline County Galatia to Raleigh	27	2030CST 2040CST			0	0			Thunderstorm Wind (EG52)
White County Countywide	27	2030CST 2045CST			0	0	25K		Thunderstorm Wind (EG55)
Williamson County Carterville to Johnston City	27	2030CST			0	0			Thunderstorm Wind (EG56)
White County Norris City	27	2045CST			0	0			Hail(0.88)
Gallatin County Countywide	27	2055CST 2110CST			0	0	250K		Thunderstorm Wind (EG90)

A line of severe thunderstorms produced widespread wind damage as it crossed southern Illinois from west to east. A few intense microbursts with winds over 70 MPH were embedded within the line. The brunt of the damage was in a swath extending from southwest of Mount Vernon (including Perry County) across Franklin and Saline Counties to Gallatin and White Counties. The first intense microburst was about 5 miles east of Sesser in Franklin County, where three camper trailers were damaged at Wayne Fitzgerrell State Park and a dozen trees were blown down. One of the campers was overturned onto its top. Two persons in campers received broken bones, but the injuries were not life-threatening. The dimensions of this microburst, with peak winds of 75 MPH, were about 200 by 300 yards. A larger and more intense downburst occurred in Gallatin County at New Haven. Estimated winds to 105 MPH downed numerous trees, including at least 10 that fell on houses. A couple of trailers were reportedly overturned. The dimensions of the damage area were about 4 to 5 miles long and 200 yards wide. Across Franklin, northern Williamson, Saline, Gallatin, and White Counties, trees were down across primary roads. In Williamson County, trees were blocking Interstate 57 around mile marker 60, and Route 37 was blocked at the Franklin County line. Other fallen trees resulted in vehicle accidents with injuries. About 2 miles north of Harrisburg in Saline County, two vehicles collided with a fallen tree that was blocking Route 34. In White County, one fatality occurred when a vehicle ran into a fallen tree (indirect storm fatality). A total of six persons were involved in this fatal accident on Route 1 near Norris City. A tree fell on one car, and then a second car collided with the tree. Some of the six people were injured and trapped in their vehicles. Near the Gallatin/White County line, trees blocked Route 141 leading to the Wabash River bridge. Across southern Illinois, most damage to structures was caused by falling trees, however three barns were damaged directly by wind north and east of Tamaroa in Perry County. Pieces were blown 200 yards from the barn. Multiple trees were blown down across Jefferson, Franklin, Jackson, northern Williamson, northern Saline, White, and Gallatin Counties, as well as north of Pinckneyville in Perry County. A number of trees landed on vehicles and houses. In Benton (in Franklin County), an 85-foot oak tree landed across a house and four vehicles, extensively damaging or destroying the vehicles. Separate from the widespread wind damage, a supercell thunderstorm developed in Edwards County, then moved east across Wabash County and the Wabash River. This storm produced hail the size of quarters in Mount Carmel and golf balls at Allendale. In Edwards County,



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					Killed	Injured	Property	Crops	

ILLINOIS, South

numerous trees and power lines were blown down, from west of Albion into the city of Albion. Across most of Wabash County, numerous trees were blown down, causing many power outages.

Wayne County
2 W Fairfield

27	2030CST 2200CST				0	0			Flash Flood
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Edwards County
Samsville

27	2045CST 2200CST				0	0	25K		Flash Flood
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Another round of thunderstorms with torrential rain moved over saturated ground. In Edwards County, Illinois Route 130 near Samsville was flooded. Numerous culverts were washed out on county roads in the northern part of the county. In Wayne County, portions of a road west of Fairfield were under water.

ILZ081-084

Franklin - Jackson

28	1000CST				0	0			Flood
31	2359CST								

Minor flooding of the Big Muddy River occurred at the end of the month. This resulted in some flooding of low-lying woods and fields near the river. The river rose above flood stage at Plumfield on May 28 and at Murphysboro on May 30. The flood crest was in June.

ILZ087-092>093

Gallatin - Alexander - Pulaski

28	1400CST				0	0			Flood
31	2359CST								

Minor flooding of the Ohio River occurred at the end of the month. The river rose above flood stage at Shawneetown on the 28th, at Grand Chain on the 31st, and at Cairo on the 30th. Minor flooding of low-lying bottomlands near the river occurred. The flood crest was in June. The river did not reach flood stage at gage sites between Shawneetown and Grand Chain

Massac County

1 E Brookport

30	1130CST				0	0			Funnel Cloud
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A funnel cloud was observed crossing the Ohio River from Paducah into Massac County, Illinois. This funnel cloud had earlier briefly touched down in West Paducah.

Perry County

Countywide

30	1715CST 1730CST				0	0			Thunderstorm Wind (EG50)
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Jackson County

Ava to
Campbell Hill

30	1720CST				0	0	3K		Thunderstorm Wind (EG50)
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Perry County

5.5 NNW Pinckneyville to
5.8 N Tamaroa

30	1725CST 1740CST	12	75		0	0	250K		Tornado (F1)
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The tornado began on Bethel Church Road and ended at the Washington County line near where U.S. Highway 51 crosses the county line. Five barns were destroyed directly by wind. Other damage was due mostly to trees falling on buildings. At least four residences were moderately damaged. A machinery storage building and sheds were demolished. An airplane hangar was destroyed. Numerous trees were blown down, blocking some roads. At a church camp along the Washington County line, many trees were blown down, including one that fell on the camp office. A house was damaged. Peak winds were estimated near 90 MPH.

Jefferson County

6.2 W Woodlawn to
3 ENE Dix

30	1731CST 1757CST	18	75		0	0	100K		Tornado (F1)
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The tornado entered western Jefferson County about 5 miles south of where Interstate 64 crosses the county line, then moved northeast across the interstate near the Woodlawn exit. A semi was blown off the interstate near the exit. The tornado passed just south of Dix, then lifted north of Texico, less than 2 miles from the Marion County line. Damage in this very rural area consisted of numerous trees down and destroyed sheds and barns. About two dozen houses sustained damage, mostly due to trees falling on them. Many trees were on power lines, and power poles were snapped. The damage path was not continuous. The tornado was rated F-1 for just a brief portion of its track, where maximum winds were estimated near 110 MPH.



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<u>ILLINOIS, South</u>									
Jackson County									
5 S Murphysboro to 4.9 SSE Murphysboro	30	1732CST 1733CST	0.5	50	0	0			Tornado (F0)
A brief tornado was witnessed. No damage was reported.									
Jefferson County									
Mt Vernon	30	1738CST			0	0	10K		Thunderstorm Wind (EG52)
Franklin County									
1 N Buckner to 1 E Sesser	30	1743CST 1755CST			0	0			Thunderstorm Wind (EG52)
Franklin County									
Mulkeytown	30	1756CST			0	0			Hail(0.75)
Union County									
4 NW Jonesboro	30	1800CST			0	0			Thunderstorm Wind (EG50)
Alexander County									
Countywide	30	1803CST 1815CST			0	0	10K		Thunderstorm Wind (EG55)
Alexander County									
Cairo	30	1805CST 1830CST			0	0			Heavy Rain
Wayne County									
Countywide	30	1810CST 1840CST			0	0	25K		Thunderstorm Wind (EG52)
Hamilton County									
Countywide	30	1815CST 1830CST			0	0	50K		Thunderstorm Wind (EG52)
Pulaski County									
Countywide	30	1815CST 1827CST			0	0			Thunderstorm Wind (EG52)
Johnson County									
Countywide	30	1820CST 1830CST			0	0			Thunderstorm Wind (EG52)
Saline County									
Countywide	30	1822CST 1845CST			0	0	310K		Thunderstorm Wind (EG70)
Pope County									
Countywide	30	1835CST 1850CST			0	0			Thunderstorm Wind (EG52)
Wabash County									
Mt Carmel	30	1835CST			0	0	3K		Thunderstorm Wind (EG59)
Massac County									
Countywide	30	1840CST 1855CST			0	0	20K		Thunderstorm Wind (EG78)
Gallatin County									
Shawneetown	30	1845CST 1900CST			0	0			Thunderstorm Wind (EG52)
White County									
Enfield to Norris City	30	1845CST 1900CST			0	0			Thunderstorm Wind (EG50)
Hardin County									
Countywide	30	1850CST 1905CST			0	0			Thunderstorm Wind (EG52)

Widespread damaging winds raked all of southern Illinois. The storms were in the form of short lines or bows as they moved through Jefferson, Perry, and Jackson Counties, including Mount Vernon and Carbondale. A couple of tornadoes were spawned in those areas. As the storms moved east, they evolved into an intense squall line, producing widespread damaging gusts around 60 MPH with isolated higher gusts to 90 MPH. Numerous trees were blown down in nearly every county. Some of the trees fell on roads and



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INDIANA, Southwest

Posey County

Wadesville to 3 W Poseyville	24	1642CST 1643CST			0	0			Hail(1.25)
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Gibson County

Haubstadt	24	1704CST			0	0			Hail(1.00)
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A cluster of severe thunderstorms produced large hail at several locations. The storms formed rapidly west of Evansville, producing hail up to half-dollar size in the Poseyville area. The storms then developed east and northeastward, producing a few more reports of large hail and an isolated damaging wind gust.

Vanderburgh County

1 W Evansville to 1 SE Evansville	25	1655CST			0	0	3K		Thunderstorm Wind (EG50)
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Trees were blown down, primarily on the west side of Evansville. Some tree limbs and wires fell across roadways in the city.

Warrick County

4 WSW Chandler to 1 ENE Chandler	25	1732CST 1737CST			0	0	150K		Thunderstorm Wind (EG96)
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Numerous trees and power lines were down. Some cars, homes, and outbuildings were damaged either directly by wind or by trees falling on them. At least one vehicle was heavily damaged due to falling trees. Roofs were partially blown off, and attached car ports were blown off. A carport was blown 40 feet up into a tree. A barn was destroyed. The damage area was about 5.5 miles long and .6 mile wide, concentrated mainly on the southern end of Chandler. A National Weather Service site survey determined that macroburst winds of around 110 MPH caused the damage.

Spencer County

Grandview to 1 N Grandview	25	1815CST			0	0			Thunderstorm Wind (EG50)
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Several large tree limbs were down in Grandview, and three trees were down just north of town.

Vanderburgh County

Evansville	25	1700CST 1800CST			0	0			Heavy Rain
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Warrick County

Boonville to Tennyson	25	1737CST 2030CST			0	0			Flash Flood
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Spencer County

Dale to Santa Claus	25	1810CST 2030CST			0	0	1.1M		Flash Flood
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INZ087>088

Warrick - Spencer	25	2030CST			0	0			Flood
	26	0400CST							

Widespread flash flooding occurred across northern Warrick and Spencer Counties. In northern Spencer County, numerous roads were closed by flooding, and some persons were rescued from stalled vehicles. About eight inches of water was over U.S. Highway 231 in Gentryville. State Highway 245 was closed at Lamar due to high water. Some flooding of a few homes was reported in Spencer County. About six inches of water entered a cabinet manufacturing facility. Significant amounts of debris washed across the property of an amusement park at Santa Claus in Spencer County, closing the park for several days. Three feet of muddy water was flowing through the park. City streets were flooded throughout Boonville. Unofficial rainfall rates (from trained spotters) were 3.2 to 3.5 inches per hour at both Tennyson in Warrick County and Santa Claus in Spencer County. A trained spotter at Mariah Hill in northern Spencer County reported 3.5 inches. In Evansville, the Virginia Street viaduct and the Ray Becker Parkway was closed.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

INDIANA, Southwest

Posey County

5 S Cynthiana	26	1000CST			0	0	30K		Thunderstorm Wind (EG60)
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A 50-by-75 foot pole barn was destroyed

Vanderburgh County

Evansville	26	1010CST 1020CST			0	0			Hail(0.88)
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Vanderburgh County

7 N Evansville to 2 W Evansville Dress Ar	26	1042CST 1043CST			0	0	15K		Thunderstorm Wind (EG52)
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Multiple large trees were down just west of the Evansville airport. Trees and wires were blown down between St. Joseph and Hillsdale. After the storm, a 63-year-old man died after coming in contact with a 7,000-volt power line he tried to clear (indirect fatality). Some mobile homes were damaged at a mobile home park. Most of the wind damage was in northern Vanderburgh County.

Posey County

St Philip	26	2100CST			0	0			Thunderstorm Wind (EG52)
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Vanderburgh County

Evansville	26	2100CST 2145CST			0	0			Heavy Rain
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Vanderburgh County

10 NNW Evansville to St Joseph	26	2102CST 2104CST			0	0			Hail(1.00)
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Spencer County

Richland to Rockport	26	2130CST			0	0			Thunderstorm Wind (EG50)
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A severe thunderstorm moved east from southern Illinois across southwest Indiana. This storm produced isolated reports of strong winds. A spotter reported a gust to 60 MPH in Posey County, and large tree limbs were blown down in Spencer County. Large hail fell just north of Evansville, up to one inch in diameter at St. Joseph. Heavy rain with these storms caused some urban flooding in Evansville. Portions of Division Street were flooded. First Avenue and several side streets were underwater

Gibson County

Hazleton to 5 SE Hazleton	27	2019CST 2021CST			0	0			Hail(1.75)
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Gibson County

Owensville	27	2020CST			0	0			Thunderstorm Wind (EG52)
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Pike County

Petersburg	27	2038CST			0	0			Thunderstorm Wind (EG50)
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A severe thunderstorm moved east across the Wabash River from southern Illinois, passing through Gibson and Pike Counties. The storm produced hail the size of golf balls at Hazleton. Trees were blown down near Owensville. In Pike County, trees were down on county roads.

Posey County

Countywide	27	2045CST 2100CST			0	0			Thunderstorm Wind (EG52)
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Posey County

Mt Vernon	27	2105CST			0	0			Hail(1.00)
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Vanderburgh County

5 S Cypress to 3 N Daylight	27	2115CST			0	0			Thunderstorm Wind (EG52)
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Warrick County

Elberfeld to Newburgh	27	2120CST			0	0			Thunderstorm Wind (EG50)
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National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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INDIANA, Southwest

Spencer County

Patronville to Rockport	27	2145CST			0	0			Thunderstorm Wind (EG52)
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A line of severe thunderstorms that produced widespread wind damage over southern Illinois moved east across Posey, Vanderburgh, Warrick, and Spencer Counties. The damage in southwest Indiana consisted of downed trees and tree limbs. Trees were down in Posey County, the northwest corner of Warrick County, and near Newburgh in southern Warrick County. In Vanderburgh County, numerous downed trees blocked roads along the Ohio River directly across from the city of Henderson, Kentucky. A couple of trees were down in far northern Vanderburgh County. In Spencer County, several trees were down in Patronville and Rockport.

INZ081>082

Gibson - Pike					0	0			Flood
28		0830CST							
31		2359CST							

The White River rose above flood stage near the end of the month. At Petersburg, where flood stage is 16 feet, the river crested at 20.37 feet on the evening of May 30. The river rose above flood stage at Hazleton on May 28 and had not yet crested at the end of May. Bottomlands were flooded, closing a few local county roads and inundating some agricultural land. Some low oil fields were affected.

INZ085-087>088

Posey - Warrick - Spencer					0	0			Flood
28		1200CST							
31		2359CST							

Minor flooding of the Ohio River occurred at the end of the month. The river rose above flood stage at Newburgh Lock and Dam on the 28th, and at Mount Vernon on the 29th. Minor flooding of low-lying bottomlands occurred. The flood crest was in June.

Posey County

Countywide	30	1912CST 1925CST			0	0			Thunderstorm Wind (MG52)
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Gibson County

Countywide	30	1915CST 1930CST			0	0			Thunderstorm Wind (EG52)
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Vanderburgh County

Evansville	30	1934CST			0	0			Hail(0.75)
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Vanderburgh County

3 W Darmstadt to 3 ENE Darmstadt	30	1940CST 1950CST	6	200	0	0	1.2M		Tornado (F1)
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The tornado first touched down on Bromm Road, then tracked east directly across Darmstadt, finally lifting at Browning Road. Hundreds of trees were blown down, including many that landed on houses and power lines. A total of 42 single family homes, 6 commercial structures, and 1 agricultural structure were affected. One single family home and one business was destroyed. Five single family homes and four commercial buildings received major damage. The remainder of the 42 structures received only minor damage. Peak winds were estimated near 100 MPH. Strong gusty winds occurred throughout Vanderburgh County. A gust to 57 MPH was measured in Evansville.

Warrick County

Countywide	30	1940CST 1955CST			0	0	7K		Thunderstorm Wind (EG74)
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Warrick County

3 SW Newburgh to Newburgh	30	1940CST 1946CST	3	80	0	0	2.5M		Tornado (F2)
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This tornado touched down just west of Phelps Road, and it lifted at Highway 66 and Sharon Road. Access to the city of Newburgh was restricted due to many trees on roads and power lines. Many of the trees landed on homes, businesses, and vehicles. A front porch was torn off a home. Carports were destroyed, including one that was thrown into a ravine. The city's maintenance garage was buried under fallen trees, destroying four of the city's five trucks. Several roofs were blown off businesses. Peak winds were



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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INDIANA, Southwest

estimated near 120 MPH.

Pike County Countywide	30	1950CST 2005CST			0	0			Thunderstorm Wind (EG50)
Spencer County Countywide	30	2000CST 2015CST			0	0	60K		Thunderstorm Wind (EG65)

Widespread damaging winds raked southwest Indiana. Embedded short-lived tornadoes and intense downbursts caused pockets of severe damage. The single most destructive event was an F-2 tornado that struck Newburgh, Indiana. Another tornado in the northern suburbs of Evansville caused over one million dollars damage. Intense downbursts occurred in eastern Warrick County and southern Spencer County. The downburst in Warrick County occurred south of Tennyson, near the Spencer County line, where hundreds of trees were blown down or damaged. The damage area, which was caused by winds estimated near 85 MPH, was about 3.5 miles long and 50 to 75 yards wide. Little or no damage was reported to residences in this very sparsely populated area. Another larger downburst in southern Spencer County caused more significant damage from Enterprise to Rockport. Estimated winds from 70 to 80 MPH caused lots of damage to trees. The damage area was about 9 miles long and 2 miles wide. Some structures were damaged, and shingles were blown off roofs. Across the remainder of southwest Indiana, numerous trees were blown down across southern Gibson County, and a gust to 60 MPH was measured at St. Philip in Posey County. There were trees and limbs down in Posey County. Sporadic tree damage was reported across Pike County. In Warrick County, in addition to the Newburgh tornado and Tennyson downburst, there were numerous trees and power lines down in Boonville. In Spencer County, trees were blown down countywide.

Gibson County Mackey	30	2210CST 2330CST			0	0			Flash Flood
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KENTUCKY, Southwest

McLean County Livermore	10	2025CST			0	0			Hail(0.88)
Nickel-size hail was reported.									
McLean County Livermore	10	2041CST			0	0			Hail(0.88)
A few of the hailstones were up to 1 inch in diameter. A National Weather Service co-operative observer reported the hail.									
Henderson County Smith Mills	25	1720CST			0	0	25K		Thunderstorm Wind (EG52)
An exterior wall of a convenience store was blown down. The wall was part of the storage area of an older part of the building. Numerous tree limbs and several trees were down, including some across roads.									
Daviess County Maceo	25	1802CST			0	0			Thunderstorm Wind (EG50)
Two trees were blown down.									
Daviess County Stanley	25	2130CST			0	0	10K		Lightning
Lightning started a barn fire on Kentucky Highway 1554. A gas meter was set on fire by lightning on Kentucky 279 South.									
Daviess County 1 E Utica	26	1045CST			0	0			Thunderstorm Wind (EG50)
Several trees were down on Highway 140 East.									



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KENTUCKY, Southwest

Webster County									
Providence	26	1121CST			0	0			Hail(1.00)
Hopkins County									
2 N Nebo	26	1130CST			0	0	5K		Thunderstorm Wind (EG55)
Hopkins County									
Madisonville	26	1145CST 1150CST			0	0			Hail(1.00)
Muhlenberg County									
Graham to Central City	26	1205CST 1220CST			0	0			Thunderstorm Wind (EG50)

Trees were down across Kentucky 175 near Bremen, Kentucky 601 near Graham, and Kentucky 70 West near Central City.

A severe thunderstorm moved southeast across the Ohio River from Hardin County, Illinois. The storm produced sporadic reports of large hail and damaging winds from there through Madisonville to Central City. The wind damage near Nebo consisted of several uprooted trees, including one that landed on a house. The house's roof and siding was damaged.

Christian County									
Pembroke	26	1505CST			0	0			Hail(1.00)
Christian County									
Pembroke	26	1505CST			0	0	1K		Thunderstorm Wind (EG50)
Todd County									
Trenton to Guthrie	26	1515CST 1525CST			0	0			Thunderstorm Wind (EG52)
Todd County									
Trenton	26	1520CST			0	0			Hail(1.00)
Todd County									
5 NW Trenton to 3 NW Trenton	26	1559CST 1604CST			0	0			Funnel Cloud
Christian County									
Hopkinsville	26	1600CST			0	0	8K		Thunderstorm Wind (EG50)
Christian County									
Hopkinsville	26	1604CST			0	0			Hail(0.88)

A supercell thunderstorm in Christian and Todd Counties produced quarter-size hail, a funnel cloud, and damaging winds. The wind damage consisted of numerous downed trees near Pembroke, Trenton, and Guthrie. A mobile home near Pembroke received minor structural damage. The funnel cloud was observed between Pembroke and Trenton, along the Christian/Todd County line. Law enforcement officials observed the funnel cloud for about 5 minutes, during which time it came close to touching the ground. The nickel-size hail at Hopkinsville was on the west side of the city. Several trees were down in Hopkinsville, including an 80-year-old elm tree that fell on a house.

Henderson County									
Henderson	26	2114CST			0	0			Thunderstorm Wind (EG56)
A spotter reported 65 MPH wind gusts. Tree limbs were blown down.									
Daviess County									
1 SE Whitesville	26	2200CST			0	0			Thunderstorm Wind (EG52)
Dozens of trees were blown down along the Daviess/Ohio County line.									
Union County									
Countywide	27	2115CST 2130CST			0	0	75K		Thunderstorm Wind (EG65)
Henderson County									
Countywide	27	2120CST			0	0	90K		Thunderstorm Wind (EG65)



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
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KENTUCKY, Southwest

2135CST									
Henderson County									
Henderson to Zion	27	2125CST 2135CST			0	0			Hail(1.00)
Henderson County									
1 SW Spottsville to .8 SW Spottsville	27	2132CST 2133CST	0.2	50	0	0	45K		Tornado (F1)
A double wide mobile home was shoved 10 feet off its base. A 12-by-16 foot wooden shed was destroyed, killing 26 baby chicks. Several trees on the property were blown down. Peak winds were estimated around 110 MPH									
Daviess County									
Countywide	27	2140CST 2155CST			0	0	3M		Thunderstorm Wind (EG104)
Mclean County									
Beech Grove	27	2140CST			0	0			Thunderstorm Wind (EG50)
Severe thunderstorms with widespread damaging winds moved east from southern Illinois, passing across Union, Henderson, and Daviess Counties. A series of intense downbursts with peak winds up to 120 MPH struck northern Daviess County. The severe damage was concentrated in a 5-mile wide path from Stanley through Owensboro to Yelvington. Approximately 40 to 50 houses received major damage, mostly due to trees falling on them. Another 40 to 50 homes received minor damage. Several barns and garages were destroyed. A house roof was blown off. Hundreds of downed trees, power lines, and power poles blocked numerous roads. A woman was trapped in her vehicle when a tree fell on it. An irrigation rig was overturned in the Stanley area, and at least one trailer was blown off its foundation. Debris and even a whole building blocked roads in the Stanley area of Daviess County. Damage in Union and Henderson Counties consisted of widespread tree damage. Trees were down across many primary roads, including the Pennyrile Parkway and U.S. Highways 41 and 60. A National Weather Service damage survey estimated peak winds near Geneva in Henderson County were near 75 MPH. At Geneva, numerous trees were down, a sun room was blown off a house, and there was minor structural damage such as broken windows and shingles off roofs. One large tree limb fell through the wall of a house. A survey of the damage in eastern Henderson County revealed a very short-track tornado near Spottsville. In Union County, many trees were down in Uniontown and Morganfield, and some power poles were snapped off. Some roof damage occurred at a shopping center on Highway 60 West near Morganfield, as well as two job corps center buildings in the same area. In the same location about a mile west of Morganfield, 50 to 75 trees were down. A garage was damaged in Uniontown. A National Weather Service damage survey indicated peak winds were near 75 MPH at Uniontown. The vast majority of significant damage was in the northern half of Union, Henderson, and Daviess Counties. Several trees were blown down in extreme northern Mclean County at Beech Grove.									
Hickman County									
6.5 SE Clinton to 8.4 E Clinton	29	1930CST 1940CST	5.4	100	0	0			Tornado (F1)
A damage survey found numerous trees down along the tornado path. There were no known structures within the damage area. Peak winds based on tree damage were estimated near 80 MPH. The tornado tracked from about 4 miles southwest of the small community of Fulgham to 2 miles east of Fulgham.									
Graves County									
Wingo to 3 S Mayfield	29	1940CST 1955CST			0	0			Thunderstorm Wind (EG50)
Calloway County									
3 N Kirksey	29	2028CST			0	0			Funnel Cloud
Strong rotation was observed within a thunderstorm for the duration of its path from Fulton County, east-northeast across Hickman									



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

and Graves Counties, to the Marshall/Calloway County line. A tornado tracked several miles across Hickman County. Several trees were down in southern Graves County, including two around Wingo and two others south of Mayfield. A funnel cloud was observed close to the ground by trained spotters at the Marshall/Calloway County line, just west of Highway 299

KYZ010-014-018>019

Crittenden - Union - Henderson - Daviess

30	1000CST				0	0	7K		Flood
31	2359CST								

Minor flooding of the Ohio River occurred at the end of the month. At J.T. Myers Lock and Dam near Uniontown, the river rose above flood stage on the 30th. Some flooding of low-lying bottomlands occurred. Kentucky 667 in Union County was closed due to high river water. Several thousand acres of farmland in the Henderson County bottomlands were flooded, destroying planted crops. The crest occurred in June. The river did not reach flood stage at gage sites downriver from Uniontown

Mccracken County

1 E (Pah)Barkley Arpt P	30	1115CST		1.5	50	0	0	20K	Tornado (F0)
2.1 ENE (Pah)Barkley Ar		1118CST							



Photo of a funnel cloud taken from the Paducah National Weather Service office, looking east. This funnel cloud touched down about a mile east of the office, damaging a mobile home and destroying a shed.

The tornado was observed from the National Weather Service office at Barkley Regional Airport in West Paducah. The tornado first touched down about a mile east of the airport and remained on the ground for a mile or two. Near the start of the tornado track, a mobile home was blown four feet off its foundation, and part of its roof was torn off. The underpinning of two or three other mobile homes was damaged. A 10 foot by 10 foot storage shed was flattened. On old Highway 60, a tree fell on a house. Peak winds were estimated at 70 MPH.

Christian County

Herndon	30	1230CST			0	0			Funnel Cloud
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The funnel cloud crossed Interstate 24 north of Herndon.

Todd County

Sharon Grove	30	1318CST			0	0			Hail(0.75)
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Todd County

2 S Cedar Grove to 1.7 SSE Cedar Grove	30	1322CST 1323CST	0.5	50	0	0			Tornado (F0)
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National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KENTUCKY, Southwest



Photo of the tornado as it briefly touched down south of Cedar Grove in Todd County. A few downed trees were the only damage reported with this weak tornado in a rural area.

The tornado was reported near the intersection of Highway 507 and Coal Bank Road. A few trees were down. This tornado was photographed from a school on Highway 181 near Highway 507.

Hopkins County
1 W Barnsley to
5.5 E Barnsley

30	1340CST 1358CST	6.5	175	0	0	300K	Tornado (F2)
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Image of the F-2 tornado as it passed near Hopkins County Central High School. The image was created from a videotape of the tornado.

This tornado touched down about 5 miles south of Madisonville and moved almost due east, crossing the Pennyriple Parkway at exit 37. The tornado ended just after crossing into Muhlenberg County in a forested area. Several homes were damaged, including one that was severely damaged. Several barns and outbuildings were destroyed. Several roofs were blown off businesses. A truck stop



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

near the Pennyrile Parkway received minor damage. The tornado moved across the sports complex at Hopkins County Central High School, causing heavy damage to the baseball area. Some trees landed on roads and cars. Peak winds were estimated near 140 MPH by the damage survey team. The tornado was videotaped at fairly close range as it passed near Hopkins Central High School

Muhlenberg County
1 W Bremen

30	1358CST				0	0			Funnel Cloud
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Muhlenberg County
6 W Graham to
5.5 W Graham

30	1358CST 1400CST	0.5	175		0	0			Tornado (F2)
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The tornado crossed over from Hopkins County in a densely forested area, and lifted within a couple minutes after entering Muhlenberg County. Tree damage was the only known damage during the short time this tornado was in Muhlenberg County.

Daviess County
1 S Masonville to
.9 SSE Masonville

30	1412CST 1413CST	0.1	30		0	0			Tornado (F0)
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A funnel cloud briefly touched down in a cornfield, producing no known damage.

Daviess County
1 NW Knottsville

30	1433CST				0	0			Funnel Cloud
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A few supercell thunderstorms tracked across western Kentucky during the early afternoon. Each thunderstorm showed distinct rotation and produced at least one tornado. The first tornadic storm developed just west of Paducah, and continued northeast across Livingston and Crittenden Counties before weakening. This storm produced only one confirmed tornado, which was at West Paducah. A second thunderstorm developed strong rotation between Princeton and Madisonville, then moved east, parallel to and a few miles north of the Western Kentucky Parkway. This storm produced the strongest tornado of the day, from Hopkins County into extreme western Muhlenberg County. A funnel cloud accompanied the storm across the rest of Muhlenberg County. A third strongly rotating storm moved across Christian and Todd Counties, and another moved south and east of Owensboro.

Ballard County
Countywide

30	1825CST 1840CST				0	0			Thunderstorm Wind (EG56)
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Mccracken County
Countywide

30	1845CST 1900CST				0	0	30K		Thunderstorm Wind (MG52)
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Carlisle County
Bardwell

30	1900CST				0	0			Thunderstorm Wind (EG50)
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Crittenden County
Countywide

30	1900CST 1915CST				0	0	5K		Thunderstorm Wind (EG52)
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Union County
Countywide

30	1900CST 1915CST				0	0			Thunderstorm Wind (EG53)
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Hickman County
Countywide

30	1915CST 1930CST				0	0			Thunderstorm Wind (EG52)
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Livingston County
2 W Salem

30	1915CST				0	0	2K		Thunderstorm Wind (EG52)
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Caldwell County
Crider

30	1925CST				0	0			Thunderstorm Wind (EG56)
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Fulton County
Countywide

30	1925CST 1940CST				0	0			Thunderstorm Wind (EG50)
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Hopkins County
Nebo to

30	1930CST				0	0	10K		Thunderstorm Wind (EG56)
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National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KENTUCKY, Southwest</u>									
4 N Hanson		1940CST							
Marshall County									
Countywide	30	1930CST 1945CST			0	0			Thunderstorm Wind (EG50)
Webster County									
1 SW Providence to 1 SE Providence	30	1930CST 1935CST	2	300	0	0	150K		Tornado (F1)
<p>Around 30 homes were damaged by this tornado that tracked across the southern and eastern fringe of Providence. Several homes received major damage, in excess of ten thousand dollars each. About a dozen homes were moderately damaged, and the rest had minor damage. On Highway 120, a delivery truck was pushed over onto a car. Twelve utility poles were replaced. Much of the damage was caused by fallen trees. Peak winds in this tornado were estimated near 100 MPH.</p>									
Webster County									
Sebree	30	1930CST			0	0			Thunderstorm Wind (EG50)
Graves County									
Countywide	30	1935CST 1950CST			0	0			Thunderstorm Wind (EG52)
Henderson County									
Countywide	30	1940CST			0	0	50K		Thunderstorm Wind (EG78)
Mclean County									
Countywide	30	1945CST 2000CST			0	0			Thunderstorm Wind (EG52)
Lyon County									
2 SW Kuttawa to 2 NE Kuttawa	30	2000CST			0	0			Hail(0.75)
Daviess County									
Owensboro	30	2001CST			0	0			Thunderstorm Wind (EG52)
Muhlenberg County									
Countywide	30	2010CST 2020CST			0	0			Thunderstorm Wind (EG50)
Calloway County									
3 W Murray	30	2020CST			0	0			Thunderstorm Wind (EG50)
Trigg County									
3 SSE Fenton	30	2030CST			0	0			Thunderstorm Wind (EG52)

A line of severe thunderstorms produced wind gusts around 60 MPH at many locations in western Kentucky. Numerous trees were blown down, some of which landed on roads and power lines. Wind gusts were clocked at 58 MPH at the Paducah National Weather Service office, and 60 MPH at a Paducah television station. At least 40 places in McCracken County had power lines, tree limbs, or trees across roads. One tree was on a house, and two trees fell on vehicles. A tree fell on a gas line, causing a major gas leak. In Livingston County, a roof was torn off a mobile home on Highway 60 in Burna. Trees were down in about 65 locations in Crittenden County, 8 in Ballard County, and 10 in Hickman County. A tornado with a 2-mile path length occurred near Providence in Webster County. Isolated strong downbursts with winds up to 90 MPH occurred in northwest Kentucky. A couple of miles southwest of Spottsville in Henderson County, peak winds estimated near 90 MPH blew a roof and wall off a mobile home. Utility companies reported about 8500 customers without power in Henderson, Union, and Webster Counties. Some roofs were damaged, mainly by falling trees in Henderson. A barn and grain bins were destroyed one mile east of Henderson. Roofs of two businesses in Henderson were damaged, including the Wal-Mart store. Two or three barns were destroyed in western Henderson County. In northern Hopkins County, straight-line winds near 65 MPH downed a couple dozen trees at Nebo, including one that fell on a house. A mobile home was damaged at Nebo, and trees were down north of Hanson. The most widespread damaging winds were north and west of a line from Murray (Calloway County) to Central City (Muhlenberg County). West of Murray, fallen trees blocked Highway 121. In the Land-Between-The-Lakes National Recreation Area, the Turkey Bay off-road vehicle area was closed due to tree damage.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

Fulton County

Fulton	30	2040CST 2245CST			0	0			Heavy Rain
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Hickman County

Clinton	30	2040CST 2245CST			0	0			Flash Flood
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Graves County

Mayfield	30	2100CST 2300CST			0	0			Flash Flood
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Livingston County

Countywide	30	2100CST 2300CST			0	0			Flash Flood
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Marshall County

Calvert City	30	2100CST 2300CST			0	0			Flash Flood
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McCracken County

Countywide	30	2100CST 2300CST			0	0			Flash Flood
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A line of thunderstorms with torrential rain was followed by a few hours of moderate to heavy rain. In Graves County, a spotter 5 miles north of Mayfield measured .7 inches of rain in 45 minutes. Several roads were closed by flooding in Mayfield. In Marshall County, a couple of streets were flooded in Calvert City. A few inches of water was over portions of U.S. Highway 60 and Kentucky 453 in Livingston County, along with a few smaller roads. In McCracken County, water was over about 18 roads. Roads with water over them included U.S. Highway 45 in Lone Oak and U.S. Highway 62 just west of Interstate 24. In Hickman County, portions of U.S. Highway 51 and roads within Clinton were flooded. In Fulton County, a few inches of water covered portions of Kentucky 307.

KYZ021

Muhlenberg

31		0800CST 2359CST			0	0			Flood
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Minor flooding of the Green River occurred at the end of the month. At the gage at the Paradise power plant in Muhlenberg County, the river rose above flood stage on May 31. There was minor flooding of low-lying woods and fields in the bottomlands. The river crested in June.

MISSOURI, Southeast

Wayne County

.1 S Leeper to .1 SE Leeper	01	0324CST	0.2	50	0	0	5K		Tornado (F1)
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A short-lived tornado with estimated winds from 80 to 90 MPH struck the south side of Leeper. A storage shed roof and a few carports were damaged. Roofs of two mobile homes were damaged. A poorly constructed outbuilding that housed semi-trailers was destroyed. Two large trees and several large tree limbs were down.

Scott County

Morley	01	0400CST			0	0	1K		Thunderstorm Wind (EG50)
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A metal shed was destroyed and several trees were blown down on County Road 431 at 427.

Bollinger County

Marble Hill to Leopold	01	0413CST			0	0	2K		Thunderstorm Wind (EG50)
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At Marble Hill, a large tree was downed by wind into power lines. Large trees were damaged on County Road 402 in the Leopold and Marble Hill area.

Cape Girardeau County

Jackson	01	0425CST			0	0	4K		Thunderstorm Wind (EG50)
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A tree and a tree limb were blown down. The tree fell on a building.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MISSOURI, Southeast</u>									
Bollinger County									
Marble Hill	01	0400CST 0500CST			0	0			Flash Flood
The fire department reported two inches of water over Highway 72 in Marble Hill.									
Ripley County									
Countywide	14	0001CST 0200CST			0	0			Flash Flood
Persistent heavy rains across Ripley County sent creeks to bankful and isolated a couple of homes. A co-operative observer in Doniphan measured 2.96 inches.									
Bollinger County									
3 N Patton Jct to 3.3 NNE Patton Jct	25	1655CST 1656CST	0.5	50	0	0			Tornado (F0)
This weak, short-lived tornado was photographed by a trained spotter. The tornado touched down in open country and caused no known damage.									
Perry County									
1 W Longtown	25	1955CST			0	0			Hail(0.75)
Bollinger County									
3 E Marble Hill	26	1400CST			0	0			Thunderstorm Wind (EG50)
A linear path of downed trees was reported east of Marble Hill, south of Highway 34.									
Cape Girardeau County									
Oak Ridge	26	1413CST			0	0			Hail(0.88)
Perry County									
2 S Perryville	27	2017CST			0	0	1K		Thunderstorm Wind (EG50)
The roof was blown off a barn.									
MOZ076-087-111									
Perry - Cape Girardeau - Scott									
	29	1100CST			0	0			Flood
	31	2359CST							
Minor flooding of the Mississippi River occurred at the end of the month. At Cape Girardeau, the river crested at 34.02 feet on May 31, which was 2 feet above flood stage. This resulted in flooding of some low-lying woods and fields in the bottomlands. Backwater flooding of some tributary creeks also occurred. The flooding was upriver from the confluence with the Ohio River near Cairo, Illinois.									
Carter County									
Countywide	30	1655CST 1710CST			0	0			Thunderstorm Wind (EG50)
Ripley County									
Countywide	30	1700CST 1715CST			0	0	2K		Thunderstorm Wind (EG52)
Cape Girardeau County									
Millersville	30	1715CST			0	0			Funnel Cloud
Perry County									
Perryville	30	1715CST 1730CST			0	0			Thunderstorm Wind (EG50)
Wayne County									
Countywide	30	1715CST 1730CST			0	0	6K		Thunderstorm Wind (EG52)
Butler County									
Countywide	30	1730CST 1740CST			0	0			Thunderstorm Wind (EG52)
Cape Girardeau County									
Countywide	30	1730CST 1745CST			0	0			Thunderstorm Wind (EG56)



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MISSOURI, Southeast

Stoddard County

Countywide	30	1800CST 1815CST			0	0			Thunderstorm Wind (EG50)
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Scott County

Countywide	30	1815CST 1830CST			0	0	25K		Thunderstorm Wind (EG52)
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New Madrid County

Portageville to New Madrid	30	1830CST 1845CST			0	0	35K		Thunderstorm Wind (EG52)
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Mississippi County

4 NW Dorena	30	1905CST			0	0			Thunderstorm Wind (EG50)
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Widespread wind damage occurred across several counties in southeast Missouri, consisting mostly of downed trees. Lots of trees were down across Butler County and in the city of Poplar Bluff. In Ripley County, a large tree fell on an 18-wheeler on K Highway about 10 miles north of Doniphan. Numerous trees were blown down in Stoddard County in the communities of Advance, Puxico, and Bernie. In Wayne County, damage was most notable south of Patterson, where several power poles were broken, and numerous trees and limbs fell on power lines. In Perry County, about a dozen trees and limbs were down in the city of Perryville. Damage was extensive in the city of New Madrid, where numerous trees were down and four power poles were snapped, causing widespread power outages. In nearby Portageville, trees and power lines were down, including a couple of trees on buildings. In Scott County, fallen trees damaged several residences in Chaffee, and many trees were down in Sikeston, including some on roads. In Cape Girardeau County, trees were down in Jackson, Millersville, and Cape Girardeau due to estimated winds as high as 65 MPH. Several trees were down in Big Oak Tree State Park in Mississippi County. The wind damage across southeast Missouri was the result of a large complex of thunderstorms that arrived from the west. The storms were initially cellular as they crossed Carter, Wayne, and Bollinger Counties, then evolved into a line as they approached the Mississippi River